



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/602,544
Source: 1F640
Date Processed by STIC: 12/20/03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/efb/efs/downloads/documents.htm>) , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 4B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/602,544

DATE: 12/20/2003

TIME: 14:20:51

Input Set : A:\SEQLIST.txt

Output Set: N:\CRF4\12182003\J602544.raw

3 <110> APPLICANT: . Li-fang Liang
 5 <120> TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR PROMOTER AND USES
 6 THEREFOR
 8 <130> FILE REFERENCE: MTN-027DV1CN
 10 <140> CURRENT APPLICATION NUMBER: 10/602,544
 11 <141> CURRENT FILING DATE: 2003-06-23
 13 <150> PRIOR APPLICATION NUMBER: US 09/632,879
 14 <151> PRIOR FILING DATE: 2000-08-04
 16 <150> PRIOR APPLICATION NUMBER: 60/092,865
 17 <151> PRIOR FILING DATE: 1998-07-15
 19 <150> PRIOR APPLICATION NUMBER: 60/123,270
 20 <151> PRIOR FILING DATE: 1999-03-08
 22 <150> PRIOR APPLICATION NUMBER: 09/354,409
 23 <151> PRIOR FILING DATE: 1999-07-15
 25 <160> NUMBER OF SEQ ID NOS: 9
 27 <170> SOFTWARE: PatentIn Ver. 2.0

Does Not Comply
 Corrected Sequence Number

ERRORED SEQUENCES

133 <210> SEQ ID NO: 9
 134 <211> LENGTH: 159
 135 <212> TYPE: DNA
 136 <213> ORGANISM: Gallus gallus
 138 <400> SEQUENCE: 9
 139 gaagccagga tataaatcag ttcacccttg gctgtaacca aatgctgtct agtgacttgt 60
 140 gatcgacagg gctttaacct ctgacagcta gattcattgt tgggacaaca accaatcgtc 120
 141 ggttttgacg acatgagcct aatcaaagtt ggagtataa 159
 E--> 144 ①

delete

see p.2 for more errors

10/602,544

2

<210> 5
 <211> 799
 <212> DNA
 <213> Gallus gallus

<220>

<223> AT POSITIONS

9, 30, 32, 50, 55, 92, 114, 146, 149, 151, 154, 158, AND (170) N
 CAN BE ANY NUCLEOTIDE

161 (A is at location 170)

FYI: Per 1.823

of sequence
 Rules, list
 the locations
 of n or
 Xaa on
<2227 line

<400> 5

ttcggtatnt	aatttgctgc	ccaggatttn	gntgacaaag	gcaaactggn	ttaanttaat	60
agggtccaca	cttcagtaat	gaattttgat	antaaaggtc	gcaatagtta	gcanttatag	120
tcacacgtga	acaaaatggt	tattcntgnt	nacntagnac	ntatcaggaa	aacctatcat	180
gattttctga	aatctgagct	gcttaatgca	cgtgaactgt	tgaacagcat	ggattcctcg	240
tgtttgcaat	gtattttataa	tgtatttttt	tcccctcctc	ctaacagaaa	tccctcagaa	300
ttttccttga	ggtagtacia	actttcagcc	acaatagtga	tagaatccta	aaggaaccct	360
aaaagagagc	tctgcctcaa	ttcatagtcc	aactatgcgt	tcagtgtata	tttaagaatg	420
atagtgtgt	cttcagcac	tgctgcccac	agtacttgga	aatatacct	ttcagtatgt	480
gaagacgtat	cctttacgaa	gccaccatat	aaatcagttc	acccttggt	gtaaccaa	540
gctgtctagt	gacttgtgat	cgacagggct	ttaacctctg	acagctagat	tcattgttgg	600
gacaacaacc	aatcgtcgg	tttgacgaca	tgagccta	caaagttgga	gtataaaagc	660
ccccttgga	tatataaggc	acaccagtgt	ggcaagcgt	ctctcagatt	gcatttgctg	720
tcacggatct	gtttagaact	gaaagaaaag	gggaaaggga	gaggggggaa	aaaagggcaa	780
aaagctgcag	tgactgtaa					799

VARIABLE LOCATION SUMMARY

PATENT APPLICATION: US/10/602,544

DATE: 12/20/2003

TIME: 14:20:52

Input Set : A:\SEQLIST.txt

Output Set: N:\CRF4\12182003\J602544.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:5; N Pos. 9,30,32,50,55,92,114,146,149,151,154,158,161

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/602,544

DATE: 12/20/2003

TIME: 14:20:52

Input Set : A:\SEQLIST.txt

Output Set: N:\CRF4\12182003\J602544.raw

L:88 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:5

L:88 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:5

L:88 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0

M:341 Repeated in SeqNo=5

L:144 M:254 E: No. of Bases conflict, this line has no nucleotides.